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FILE LAST UPDATED: 4 Dec 2005  (20051204/ED)

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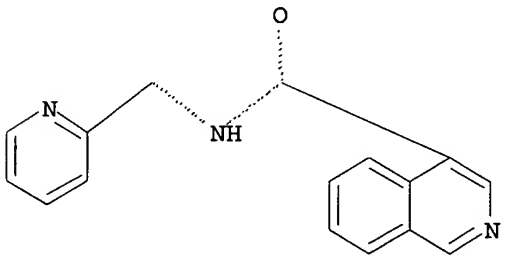


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ACCESSION NUMBER:         2003:777779  CAPLUS
DOCUMENT NUMBER:          139:276828
TITLE:                    Preparation of bicyclic fused pyridinyl amides and
                          advantageous compositions thereof for use as
                          fungicides
INVENTOR(S):              Bisaha, John Joseph; Hay, James Volney; Foor, Stephen
                          Ray; Walker, Michael Paul; Clark, David Alan
PATENT ASSIGNEE(S):       E. I. Du Pont de Nemours & Co., USA; Walker, Susannah
                          L. HF
SOURCE:                   PCT Int. Appl., 45 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2003080596	A2	20031002	WO 2003-US5383		20030220
WO 2003080596	A3	20040401			
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BR 2003008458	A	20050118	BR 2003-8458		20030220
JP 2005526100	T2	20050902	JP 2003-578350		20030220
US 2005020644	A1	20050127	US 2004-501258		20040709
ZA 2004005643	A	20050715	ZA 2004-5643		20040715
PRIORITY APPLN. INFO.:			US 2002-365767P	P	20020319
			WO 2003-US5383	W	20030220

OTHER SOURCE(S): MARPAT 139:276828

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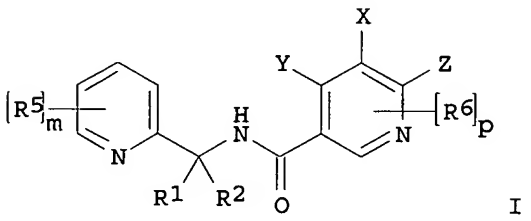

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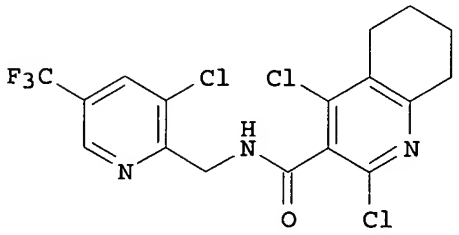


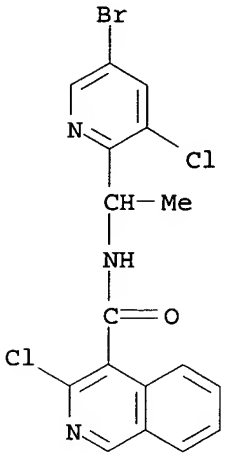
II

AB The title compds. [I; X and either Y or Z are a linking chain 3 or 4 atoms in length attached to contiguous carbon atoms and are taken together with said carbon atoms to form a fused Ph ring, a fused 5-6 membered nonarom. carbocyclic or heterocyclic ring optionally including one or two ring members selected from the group consisting of CO, SO or SO2, or a fused 5-6 membered heteroarom. ring, each fused ring optionally substituted with 1-3 substituents independently selected from R7; R1, R2, R5-R7 = alkyl, alkenyl, cycloalkyl, etc.], useful for controlling plant diseases caused by fungal plant pathogens, were prepared E.g., a 5-step synthesis of II (starting from Et 2-amino-1-cyclohexene-1-carboxylate and di-Et malonate) which showed 100% disease control in tests against Plasmopara viticola and Phytophthora infestans, was given. Agrochem. composition comprising the compound

I was claimed.

IT 606971-61-3P 606971-63-5P 606971-65-7P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of bicyclic fused pyridinyl amides as agrochem. fungicides)

RN 606971-61-3 CAPLUS
CN 4-Isoquinolinecarboxamide, N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]-3-chloro- (9CI) (CA INDEX NAME)



RN 606971-63-5 CAPLUS
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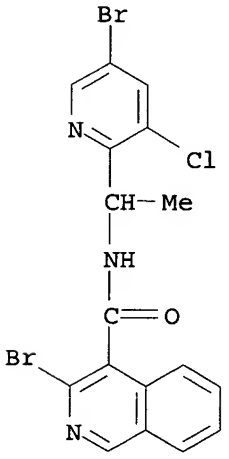
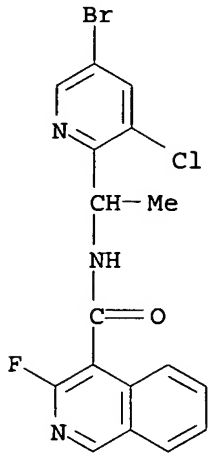


RN 606971-65-7 CAPLUS
CN 4-Isoquinolinecarboxamide, N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]-3-fluoro- (9CI) (CA INDEX NAME)



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CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> d que
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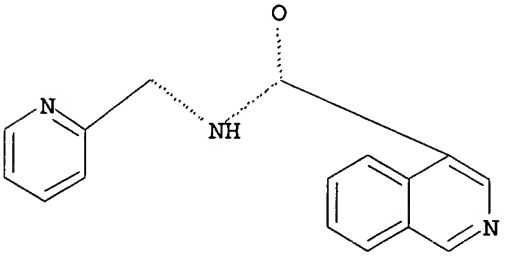

Structure attributes must be viewed using STN Express query preparation.
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L5 1 SEA L3

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L5 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 2005:24095 USPATFULL
TITLE: Bicyclic fused pyridinyl amides and advantagesous compositons thereof for use as fungicides
INVENTOR(S): Bisaha, John Joseph, Hockessin, GERMANY, FEDERAL REPUBLIC OF
Hay, James Volney, Newark, GERMANY, FEDERAL REPUBLIC OF
Foor, Stephen Ray, Hockessin, GERMANY, FEDERAL REPUBLIC OF
Walker, Michael Paul, Landenberg, PA, UNITED STATES
Clark, David Alan, Landenberg, PA, UNITED STATES

NUMBER KIND DATE

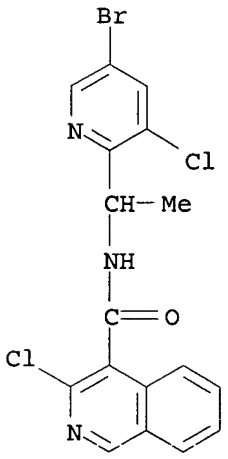
PATENT INFORMATION:	US 2005020644	A1	20050127
APPLICATION INFO.:	US 2004-501258	A1	20040709 (10)
	WO 2003-US5383		20030220

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-365767P	20020319 (60)

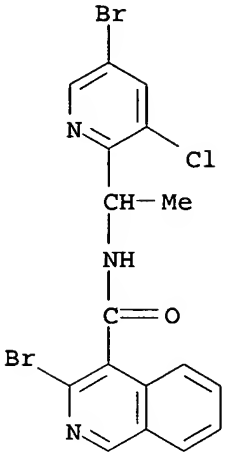
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: E I Du Pont de Nemours and Company, Legal-Patents, 4417 Lancaster Pike, Wilmington, DE, 19898
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
LINE COUNT: 1920
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds of Formula I, including all geometric and stereoisomers, N-oxides, and agriculturally suitable salts thereof: (Formula I); wherein X and either Y or Z are a linking chain 3 or 4 atoms in length attached to contiguous carbon atoms and are taken together with said carbon atoms to form a fused phenyl ring, a fused 5- or 6-membered nonaromatic carbocyclic or heterocyclic ring optionally including one or two ring members selected from the group consisting of C(.dbd.O), SO or S(O).sub.2, or a fused 5- or 6-membered heteroaromatic ring, each fused ring optionally substituted with one to three substituents independently selected from R.sup.7; and R.sup.1, R.sup.2, R.sup.5, R.sup.6R.sup.7, m and p are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula I and a method for controlling plant diseases caused by fungal plant pathogens that involves applying an effective amount of a compound of Formula I. ##STR1##

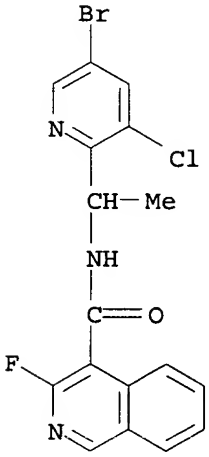
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT **606971-61-3P 606971-63-5P 606971-65-7P**
(preparation of bicyclic fused pyridinyl amides as agrochem. fungicides)
RN 606971-61-3 USPATFULL
CN 4-Isoquinolinecarboxamide, N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]-3-chloro- (9CI) (CA INDEX NAME)



RN 606971-63-5 USPATFULL
CN 4-Isoquinolinecarboxamide, 3-bromo-N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 606971-65-7 USPATFULL
CN 4-Isoquinolinecarboxamide, N-[1-(5-bromo-3-chloro-2-pyridinyl)ethyl]-3-fluoro- (9CI) (CA INDEX NAME)



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